

5/31/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	At D
P0039874	DIV001-VU	1	1	Net 30	M7075T6S1.250X9.000	7075-T6 SHEET / PLATE 1.250" X 9.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft				6	5/31/2018	6		S076662	Stock	5/31/2018	\$ 108.33 / ft	
		2			M7075T73B3.000X4.000	7075-T73 Bar 3.0 X 4.0 Grain Direction Along 3" : MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078 receive ft				16		16		S076663	Stock	5/31/2018	\$ 88.13 / ft	
		3			M7075T73B2.500X03.25	7075-T73 Bar 2.50 X 3.25 : MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078 receive ft				6		6		S076664	Stock	5/31/2018	\$ 70.83 / ft	
		4			M7075T73B1.250X02.000	7075-T73 Bar 1.250" X 2.000" Cut In Billet 30" Long : MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078 receive ft				25		25		S076665	Stock	5/31/2018	\$ 21.00 / ft	
Total:										53		53						

Plex 5/31/2018 8:15 AM Dart.Dubois.Pascal



14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #	Order Date	SP
PO039874	05/14/18	AB

Sales Order Number	46350
Invoice Date	5/21/2018
Invoice Number	67116

Ship To:

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

# Pkg.	1 WOOD BOX
Weight	580 LBS

Ship Date	Shipped Via	Test Reports
5/21/2018	JOURNEY FREIG...	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	6	FT	M7075T6S1.250X9.000 7075-T6 ALUMINUM 1.25" X 9" X 72" - 1 PIECE MILL: ARCONIC, LOT# 568961	6	0
2	16	FT	M7075T73B3.000X4.000 7075-T7351 ALUMINUM 4" X 48" X 3" (GRAIN) - 4 PIECES MILL: ARCONIC, LOT# 371541	16	0
3	6	FT	M7075T73B2.500X03.25 7075-T7351 ALUMINUM 2.5" X 3.25" X 72" - 1 PIECE MILL: ARCONIC, LOT# 397181	6	0
4	25	FT	M7075T73B1.250X02.000 7075-T7351 ALUMINUM 1.25" X 2" X 30" - 10 PIECES MILL: ARCONIC, LOT# 568961	25	0

PACKING LIST
CERTIFICATE OF COMPLIANCE

We certify that the materials described above conform to the specifications stated.

Callie Vail
Quality Control Manager



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039874**

Supplier: DIV001-VU
Diversified Industrial Products
14 Connor Lane
Deer Park, NY 11803 USA
Phone: 516 822 8300
Fax: 516 822 8332

PO No: PO039874

PO Date: 5/11/18

Due Date: 5/24/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAY 11 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M7075T6S1.250X9.000		7075-T6 SHEET / PLATE 1.250" X 9.000" : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ- A-250/12 OR AMS- QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	5/24/18	6 ft	0 ft	6 ft	\$108.3333/ft	\$650.00
							6'		MAY 3 1 2018	DAS 11 9-89
2	M7075T73B3.000X4.000		7075-T73 Bar 3.0 X 4.0 Grain Direction Along 3" : MATERIAL: 7075- T73 OR 7075- T7351/T73510/T73511 BAR PER AMS-QQ-A- 200/11 OR AMS-QQ- A-225/9 OR AMS 4124 OR AMS-QQ-A- 250/12 OR AMS 4078 receive ft	Firmed	5/24/18	16 ft	0 ft	16 ft	\$88.125/ft	\$1,410.00
							16'		MAY 3 1 2018	DAS 11 9-89
Line Item Note 4 PCS CUT AT 4FT LONG WITH GRAIN DIRECTION ALONG THE 3"										
3	M7075T73B2.500X03.25		7075-T73 Bar 2.50 X 3.25 : MATERIAL: 7075- T73 OR 7075- T7351/T73510/T73511 BAR PER AMS-QQ-A- 200/11 OR AMS-QQ- A-225/9 OR AMS 4124 OR AMS-QQ-A- 250/12 OR AMS 4078 receive ft	Firmed	5/24/18	6 ft	0 ft	6 ft	\$70.83333/ft	\$425.00
							6'		MAY 3 1 2018	DAS 11 9-89

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
4	M7075T73B1.250X02.000		7075-T73 Bar 1.250" X 2.000" Cut In Billet 30" Long : MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078 receive ft	Firmed	5/24/18	25 ft	0 ft 25'	25 ft	\$21.00/ft DAS 11 9-89 MAY 3 1 2018	\$525.00
Line Item Note 10 PCS COT AT 30" LONG = 25 FT										
									Grand Total:	\$3,010.00

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/14/18 8:31 AM dart.lavoie.chantal

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+65L250X9.000
 DATE: MAY 30 2018

PO / BATCH NO.: 039874/5076662

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6'
 QUANTITY INSPECTED: 6'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250
 THICKNESS RECEIVED: 1.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	QQ A-250
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	lot # 568961
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>11 MAY 30 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

CERTIFIED INSPECTION REPORT

Arconic

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

3459268
Ship Date 2018-03-24
B.L. No. 11691350
Invoice No. 00000
Arconic No. 1000982104-4
Item DP-82104-02-4
P.O. No./Govt Contract No. 102344
Ln#: 011
G041176399R01

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false fictitious or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per:

5 Apr 2018

Nandu Srinivasan
Manufacturing Director - Davenport & Sanilites

Terrence Thom

Quality Assurance Manager

Page 1 of 2

Ship To:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

Item Description

1.25 IN TK (+.039 -.039) X 48.5 IN W (+.3125 -.0000) X 144.5 IN LH (+.5 -.0) (N) A/T 7075-T651 RECTANGULAR MILL FINISH, SAWED. AMS-QQ-A-250/12 REV A EXC MEX ASTM B209 REV 14 ((MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 5000 LB QUAN TOL +/- 40 % CQR 0261639 REV 01 CUST REQ 18-02-20 *** W/E 18-03-24 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	457953	568961	4470	5	PC	46819	
2	457957	568961	2677	3	PC	46819	
			7147	8			

Notes for CQR: 0261639.1
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

CQR: 0261639.1 -Specification Limits

Temp Dir	UTS	TYS	ELAD
T651 Long Transv.	KSI	KSI	PCT
Max	77.0	67.0	6
Min			

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Each	Total	Aluminum
Alloy 7075	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15
	Min		1.2		2.1	0.18	5.1				REMAIN

CERTIFIED INSPECTION REPORT

Arconic

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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Per: *S. M. A.*

S. M. A.
Nanda Srivastava
Manufacturing Director - Davenport & Spaulding

[Signature]
Teresa Thom
Quality Assurance Manager

3459268
Ship Date 2018-03-24
P.O. No./Govt Contract No. 102344
Ln#: 011

0
B.L. No. 11691350
Invoice No. 00000
Arconic No. 1000982104-4
Item Arconic Item
DP-82104-02-4
G041176399R01

Page 2 of 2

COR: 0261639.1 -Specification Limits (cont.)

Lot: 568961 - Mechanical, Physical, Metallurgy, Quantometer Results

Temp	Dir	Test	2	UTS	TYS	EL4D
T651	Long Transv.			KSI	KSI	PCT
				83.9	74.7	11.6
				84.5	75.9	11.1

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Each	Other	Total
H9485016	Actuals		0.06	0.29	1.7	0.01	2.5	0.19	5.7	0.02	< 0.05	< 0.05	< 0.15	

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
CERTIFY THIS A TRUE COPY OF THE
MILL TEST REPORT USED TO FILL YOUR
ORDER

Company	DART AEROSPACE
PO#	PO039874
Our Inv. #	67116
Qty.	IT 1 - 6 FT IT 4 - 25 FT
Part #	IT 1 - M707516S1250X9.000
QC Dept.	IT 4 - M7075173B1250X02.000

[Signature]
Cathi Vail

Cathi Vail

SPECIFICATION CONTROL DRAWING

- △B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209
- OR
- △B PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209
- △B PART NUMBER: M7075T6S | TTT | X | W.WWW |
| THK | | WIDTH |
- △B WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500
- △B PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19
ECN 17-574

APPROVED

B	ADD. REF. TO "PLATE" TEMP. AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	D9		
DATE	17.05.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M7075T6S			
SHEET 1 OF 1			
REV. B			
TITLE 7075-T6 SHEET/PLATE SPEC			
SCALE NTS			
COPYRIGHT © 2010 BY DART AEROSPACE LTD. THIS DOCUMENT IS UNCLASSIFIED NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED TO ANY OTHER PERSON OR ENTITY WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70-75+7382.500x03.25
 DATE: MAY 31 2018

PO / BATCH NO.: 039874/5076664

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 61
 QUANTITY INSPECTED: 81
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.500
 THICKNESS RECEIVED: 2.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	QQ-A-230/12
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	Lot # 397181
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-89 MAY 31 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DART



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. M7075T73B	REV. A SHEET 1 OF 1
DATE 01.06.08		TITLE 7075-T73 BAR	SCALE NTS
A	01.06.08	NEW ISSUE	

PURCHASE MATERIAL: 7075-T73 (OR 7075-T7351/T73510/T73511) BAR
PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 (AMS 4124)
OR AMS-QQ-A-250/10 (AMS 4078)

PART NUMBER: M7075T73B | T.TTT | x | WW.WWW | WHERE T.TTT = THICKNESS (IN INCHES)
THICK WIDTH WW.WWW = WIDTH (IN INCHES)

EG. 2.5" x 3.25" BAR = M7075T73B2.500 x 03.250

RELEASED
01 Dec 15

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DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722
 Ship From: RIVERDALE, IA.

Arconic

Arconic No. Item DP-65527-1

3389790 B.L. No. Invoice No. 1000965527-1
 Ship Date 11608663 Arconic Item
 2017-12-27 G041142117R04
 P.O. No./Govt Contract No.
 M49380350 Ln#: 001

INSPECTION REPORT

I hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this report.

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Per: *[Signature]*
 Terence Thom
 Quality Assurance Manager

S. N. N.
 Manufacturing Director - Davenport & Bettendorf

Ship To:
 DIVERSIFIED INDUSTRIAL PRODUCTS
 14 CONNOR LANE
 DEER PARK, NY 11729

Item Description
 2.5 IN TK (A-075 -.075) X 48.5 IN W (+.3125 -
 0.000) X 144.5 IN LN (+.5 -.0) CAT X 45341 (N) A/T 7075-
 DEAD ZONE REQ'D BOTH SIDES.
 0.000) X 144.5 IN LN (+.5 -.0) CAT X 45341 (N) A/T 7075-
 DEAD ZONE REQ'D BOTH SIDES.
 T7351 RECTANGLE MILL FINISH, HSI 3MM DEAD ZONE REQ'D BOTH SIDES.
 SAWED 45341. EXC MRK AMS-QQ-A-250/12 REV A AMS-STD-
 2154 REV C AMS4078 REV J EXC MRK ASME2209 REV
 14 BSS7055 REV B COMP025 REV V GROSS SKID WGT: 5000 LB QUAN TOL +/-
 ((MARKED)) NOT INTERLEAVED MAX GROSS SKID REQ 17-12-
 40 * USI CL A 3 MM COR 0249618 REV 04 CUST REQ 17-12-
 24 *** W/E 17-12-30 ***

Inspector Clock Numbers

Num	Package Ticket	Lot	Weight	Quantity	UOM
1	427274	397181	3554	2	PC
2	427275	402551	3554	2	PC
3	427278	402551	1784	1	PC
			8892	5	

Notes for COR: 0249618.4
 PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12F. PROD UCT
 PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.
 THIS MATERIAL HAS BEEN ULTRASONICALLY INSPECTED FULLY IN ME RSION - TYPE I.

Specification Limits

QOR: 0249618.4	UTS	KSI	TVS	KSI	EL4D
	Max	63.9	Max	63.9	PCT
	Min	66.0	Min	52.0	6
T7351 Dir Long Transv.					
T7351 Elec. Cond. (EC) % MIN 38.0 PCT					

T7351

Cast M
 H943301

This mat

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+73B3.000X4.000

PO / BATCH NO.: 039874/5076663

DATE: MAY 30 2018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 16'
 QUANTITY INSPECTED: 16'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3.000
 THICKNESS RECEIVED: 3.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	QQA-250/12
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	LOT#371541
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> DATE: <u>11 MAY 30 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. M707ST73B	REV. A SHEET 1 OF 1
DATE 01.06.08		TITLE 7075-T73 BAR	SCALE NTS
A	01.06.08	NEW ISSUE	

PURCHASE MATERIAL: 7075-T73 (OR 7075-T7351/T73510/T73511) BAR
PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 (AMS 4124)
OR AMS-QQ-A-250/12 (AMS 4078)

PART NUMBER: M707ST73B | T.TTT | x | WW.WWW | WHERE T.TTT = THICKNESS (IN INCHES)
THICK WIDTH WW.WWW = WIDTH (IN INCHES)

EG. 2.5" x 3.25" BAR = M707ST73B2.500 x 03.250

RELEASED
01.06.15

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CERTIFIED INSPECTION REPORT

Arconic

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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S. N. Srinivasan
Nandu Srinivasan
Manufacturing Director - Davenport & Steelville

Terrence Thom
Quality Assurance Manager

3397207 Ship Date 2018-01-09 B.L. No. 11618717 Invoice No. 00000 Arconic No. 1000967249-1 Item Arconic Item DP-67249-01-1
P.O. No./Govt Contract No. M49380446 Ln#: 001 G041146413R03

Page 1 of 2

Ship To:

DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

Item Description
4.0 IN TK (+.145) X 60.5 IN W (+.375 -
D-000) X 144.5 IN LN (+.5 -0.0) CAT X 45368 (N) A/T 7075-
T7351 RECTANGLE MILL FINISH, BSI 3MM DEAD ZONE REQ'D BOTH SIDES,
SAWED 45368, EXC MRK AMS-QQ-A-250/12 REV A AMS-STD-
2154 REV C AMS4078 REV J EXC MRK ASTM B209 REV
14 BSS7055 REV B CMPE025 REV V
((MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 4500 LB QUAN TOL +10 -
40 & US1 CL A 3 MM COR 0253127 REV 03 CUST REQ 18-01-
07 *** W/E 18-01-13 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	428952	371541	3561	1	PC	47410	
2	428953	371541	3565	1	PC	47410	
3	428960	371541	3559	1	PC	47410	
			10685	3			

Notes for CQR: 0253127.3

PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ- A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.
THIS MATERIAL HAS BEEN ULTRASONICALLY INSPECTED USING TYPE I, UT IMMERSION METHOD.
THIS MATERIAL HAS BEEN ULTRASONICALLY INSPECTED FULLY IMME RSION - TYPE I.

CQR: 0253127.3 -Specification Limits -----

Temp Dir T7351 Long Transv. Max Min 61.0 48.0 6
UTS TYS EL4D
KSI KSI PCT

T7351 Elec. Cond. (EC) & MIN 38.0 PCT

Arconic

Ship From: RIVERDALE, IA.


Terrence Thom
Quality Assurance Manager

S. Narayana

3397207
Ship Date

Invoice No.	Arconic No.	Item
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2018-01-09	11618717	00000	1000967249-1	DP-67249-01-1
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P.O. No./Govt Contract No.	Arconic Item

M49380446 Ln#: 001

Nandu Srinivasan
Managing Director - Operations & Sales/ies

Terrence Thom
Quality Assurance Manager

Page 2 of 2

COR: 0253127.3 - Specification Limits (cont.)

Other Other

[illegible]

CHEMICAL COMPOSITION										
	STAINLESS STEEL	ALUMINUM	COPPER	BRASS						
MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15

Max	0.40	0.30	0.20	0.10	0.05	0.02	0.01	REMAIN
Min	1.2	2.1	0.10	5.1				

Alloy 7075
- Mechanical
- Physical
- Metallurgy, Quantometer Results

LOC: 371341

	No->	UTS	TYS	EL4D
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Div	Test	KSI	KSI	PCT
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	87

Impf	1950	1951	1952
DII	2	69.3	58.1
Long Transv.	2	69.3	58.1
			9.3

	Long	Transv.	Z	C ₀	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	C ₇	C ₈	C ₉	C ₁₀	C ₁₁	C ₁₂	C ₁₃	C ₁₄	C ₁₅	C ₁₆	C ₁₇	C ₁₈	C ₁₉	C ₂₀	C ₂₁	C ₂₂	C ₂₃	C ₂₄	C ₂₅	C ₂₆	C ₂₇	C ₂₈	C ₂₉	C ₃₀	C ₃₁	C ₃₂	C ₃₃	C ₃₄	C ₃₅	C ₃₆	C ₃₇	C ₃₈	C ₃₉	C ₄₀	C ₄₁	C ₄₂	C ₄₃	C ₄₄	C ₄₅	C ₄₆	C ₄₇	C ₄₈	C ₄₉	C ₅₀	C ₅₁	C ₅₂	C ₅₃	C ₅₄	C ₅₅	C ₅₆	C ₅₇	C ₅₈	C ₅₉	C ₆₀	C ₆₁	C ₆₂	C ₆₃	C ₆₄	C ₆₅	C ₆₆	C ₆₇	C ₆₈	C ₆₉	C ₇₀	C ₇₁	C ₇₂	C ₇₃	C ₇₄	C ₇₅	C ₇₆	C ₇₇	C ₇₈	C ₇₉	C ₈₀	C ₈₁	C ₈₂	C ₈₃	C ₈₄	C ₈₅	C ₈₆	C ₈₇	C ₈₈	C ₈₉	C ₉₀	C ₉₁	C ₉₂	C ₉₃	C ₉₄	C ₉₅	C ₉₆	C ₉₇	C ₉₈	C ₉₉	C ₁₀₀	C ₁₀₁	C ₁₀₂	C ₁₀₃	C ₁₀₄	C ₁₀₅	C ₁₀₆	C ₁₀₇	C ₁₀₈	C ₁₀₉	C ₁₁₀	C ₁₁₁	C ₁₁₂	C ₁₁₃	C ₁₁₄	C ₁₁₅	C ₁₁₆	C ₁₁₇	C ₁₁₈	C ₁₁₉	C ₁₂₀	C ₁₂₁	C ₁₂₂	C ₁₂₃	C ₁₂₄	C ₁₂₅	C ₁₂₆	C ₁₂₇	C ₁₂₈	C ₁₂₉	C ₁₃₀	C ₁₃₁	C ₁₃₂	C ₁₃₃	C ₁₃₄	C ₁₃₅	C ₁₃₆	C ₁₃₇	C ₁₃₈	C ₁₃₉	C ₁₄₀	C ₁₄₁	C ₁₄₂	C ₁₄₃	C ₁₄₄	C ₁₄₅	C ₁₄₆	C ₁₄₇	C ₁₄₈	C ₁₄₉	C ₁₅₀	C ₁₅₁	C ₁₅₂	C ₁₅₃	C ₁₅₄	C ₁₅₅	C ₁₅₆	C ₁₅₇	C ₁₅₈	C ₁₅₉	C ₁₆₀	C ₁₆₁	C ₁₆₂	C ₁₆₃	C ₁₆₄	C ₁₆₅	C ₁₆₆	C ₁₆₇	C ₁₆₈	C ₁₆₉	C ₁₇₀	C ₁₇₁	C ₁₇₂	C ₁₇₃	C ₁₇₄	C ₁₇₅	C ₁₇₆	C ₁₇₇	C ₁₇₈	C ₁₇₉	C ₁₈₀	C ₁₈₁	C ₁₈₂	C ₁₈₃	C ₁₈₄	C ₁₈₅	C ₁₈₆	C ₁₈₇	C ₁₈₈	C ₁₈₉	C ₁₉₀	C ₁₉₁	C ₁₉₂	C ₁₉₃	C ₁₉₄	C ₁₉₅	C ₁₉₆	C ₁₉₇	C ₁₉₈	C ₁₉₉	C ₂₀₀	C ₂₀₁	C ₂₀₂	C ₂₀₃	C ₂₀₄	C ₂₀₅	C ₂₀₆	C ₂₀₇	C ₂₀₈	C ₂₀₉	C ₂₁₀	C ₂₁₁	C ₂₁₂	C ₂₁₃	C ₂₁₄	C ₂₁₅	C ₂₁₆	C ₂₁₇	C ₂₁₈	C ₂₁₉	C ₂₂₀	C ₂₂₁	C ₂₂₂	C ₂₂₃	C ₂₂₄	C ₂₂₅	C ₂₂₆	C ₂₂₇	C ₂₂₈	C ₂₂₉	C ₂₃₀	C ₂₃₁	C ₂₃₂	C ₂₃₃	C ₂₃₄	C ₂₃₅	C ₂₃₆	C ₂₃₇	C ₂₃₈	C ₂₃₉	C ₂₄₀	C ₂₄₁	C ₂₄₂	C ₂₄₃	C ₂₄₄	C ₂₄₅	C ₂₄₆	C ₂₄₇	C ₂₄₈	C ₂₄₉	C ₂₅₀	C ₂₅₁	C ₂₅₂	C ₂₅₃	C ₂₅₄	C ₂₅₅	C ₂₅₆	C ₂₅₇	C ₂₅₈	C ₂₅₉	C ₂₆₀	C ₂₆₁	C ₂₆₂	C ₂₆₃	C ₂₆₄	C ₂₆₅	C ₂₆₆	C ₂₆₇	C ₂₆₈	C ₂₆₉	C ₂₇₀	C ₂₇₁	C ₂₇₂	C ₂₇₃	C ₂₇₄	C ₂₇₅	C ₂₇₆	C ₂₇₇	C ₂₇₈	C ₂₇₉	C ₂₈₀	C ₂₈₁	C ₂₈₂	C ₂₈₃	C ₂₈₄	C ₂₈₅	C ₂₈₆	C ₂₈₇	C ₂₈₈	C ₂₈₉	C ₂₉₀	C ₂₉₁	C ₂₉₂	C ₂₉₃	C ₂₉₄	C ₂₉₅	C ₂₉₆	C ₂₉₇	C ₂₉₈	C ₂₉₉	C ₃₀₀	C ₃₀₁	C ₃₀₂	C ₃₀₃	C ₃₀₄	C ₃₀₅	C ₃₀₆	C ₃₀₇	C ₃₀₈	C ₃₀₉	C ₃₁₀	C ₃₁₁	C ₃₁₂	C ₃₁₃	C ₃₁₄	C ₃₁₅	C ₃₁₆	C ₃₁₇	C ₃₁₈	C ₃₁₉	C ₃₂₀
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Elect Cond	%IACS	39.7	39.4	PCT
07351				

Cost Number	Chemical	QES	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Each	Other	Total
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[illegible]

th's material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.
CERTIFY THIS A TRUE COPY OF THE
MILL TEST REPORT USED TO FILL YOUR
ORDER.

Company DART AEROSPACE
 PO# P0039874
 Our Inv. # 67116
 Qty. 16 FT.
 Part # M7075773B3.000X4.000
 QC Dept. Cathie Vail

Cathi Vail